FINDS: Research Process Model – Summary
K-12 Scope and Sequence

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FINDS: Research Process Model – Focus
K-12 Scope and Sequence

Focus on the information need –
1.1 Identify area of inquiry, working in groups or individually. (Return to list)

Kindergarten	First	Second	Third	Fourth	Fifth	Sixth	Seventh	Eighth	Ninth/Tenth	Eleventh/ Twelfth
K.1.1.1 Ask questions to obtain information, collaborating with others if working in group.	1.1.1.1 Ask questions to obtain information, collaborating with others if working in group.	2.1.1.1 Activate prior knowledge to select topic when appropriate, collaborating with others if working in group.	3.1.1.1 Activate prior and background knowledge to select topic when appropriate, collaborating with others if working in group.	4.1.1.1 Activate prior and background knowledge to select topic when appropriate, collaborating with others if working in group.	5.1.1.1 Activate prior and background knowledge to select topic when appropriate, collaborating with others if working in group.	6.1.1.1 Activate prior and background knowledge to select topic when appropriate, collaborating with others if working in group.	7.1.1.1 Activate prior and background knowledge to select topic when appropriate, collaborating with others if working in group.	8.1.1.1 Activate prior and background knowledge to select topic when appropriate, collaborating with others if working in group.	910.1.1.1 Activate prior and background knowledge to select topic when appropriate, collaborating with others if working in group.	1112.1.1.1 Activate prior and background knowledge to select topic when appropriate, collaborating with others if working in group.
K.1.1.2 Narrow or broaden topic.	1.1.1.2 Narrow or broaden topic.	2.1.1.2 Narrow or broaden topic.	3.1.1.2 Narrow or broaden topic.	4.1.1.2 Narrow or broaden topic.	5.1.1.2 Narrow or broaden topic.	6.1.1.2 Narrow or broaden topic.	7.1.1.2 Narrow or broaden topic.	8.1.1.2 Narrow or broaden topic.	910.1.1.2 Narrow or broaden topic.	1112.1.1.2 Narrow or broaden topic.
	1.1.1.3 Use brainstorming or webbing to write presearch questions.	2.1.1.3 Use brainstorming, webbing, or graphic organizers to write presearch questions.	3.1.1.3 Use brainstorming, webbing, or graphic organizers to write presearch questions.	4.1.1.3 Use brainstorming, webbing, or graphic organizers to write presearch questions.	5.1.1.3 Use brainstorming, webbing, or graphic organizers to write presearch questions.	6.1.1.3 Generate presearch questions through brainstorming and use of graphic organizers.	7.1.1.3 Generate presearch questions through brainstorming and use of graphic organizers.	8.1.1.3 Generate a range of presearch questions through brainstorming and use of graphic organizers.	910.1.1.3 Generate a range of presearch questions through brainstorming and use of graphic organizers.	1112.1.1.3 Generate a range of presearch questions through brainstorming and use of graphic organizers.
			3.1.1.4 Define search terms (e.g., alternate terms, keywords).	4.1.1.4 Define search terms (e.g., alternate terms, keywords).	5.1.1.4 Define search terms (e.g., alternate terms, keywords).	6.1.1.4 Define search terms (e.g., Boolean search operators, alternate terms, keywords).	7.1.1.4 Define search terms (e.g., Boolean search operators, alternate terms, keywords).	8.1.1.4 Define search terms (e.g., Boolean search operators, alternate terms, keywords).	910.1.1.4 Define search terms (e.g., Boolean search operators, alternate terms, keywords).	1112.1.1.4 Define search terms (e.g., Boolean search operators, alternate terms, keywords).
			3.1.1.5 Formulate a statement of purpose.	4.1.1.5 Formulate a statement of purpose.	5.1.1.5 Formulate a statement of purpose.	6.1.1.5 Formulate a thesis or statement of purpose.	7.1.1.5 Formulate a thesis or statement of purpose.	8.1.1.5 Formulate a thesis or statement of purpose.	910.1.1.5 Formulate a thesis or statement of purpose.	1112.1.1.5 Formulate a thesis or statement of purpose.

Focus on the information need –
1.2 Decide how much information is needed, working in groups or individually. (Return to list)

Kindergarten	First	Second	Third	Fourth	Fifth	Sixth	Seventh	Eighth	Ninth/Tenth	Eleventh/Twelfth
	1.1.2.1 Recognize when there is a need for more than one source of information.	2.1.2.1 Recognize when there is a need for more than one source of information.	3.1.2.1 Recognize when there is a need for more than one source of information.	4.1.2.1 Recognize when there is a need for more than one source of information.	5.1.2.1 Recognize need for multiple information sources.	6.1.2.1 Recognize need for multiple information sources.	7.1.2.1 Recognize need for multiple information sources.	8.1.2.1 Recognize need for multiple information sources.	910.1.2.1 Recognize need for multiple information sources	1112.1.2.1 Recognize need for multiple information sources.
	1.1.2.2 Predict possible sources of appropriate materials.	2.1.2.2 Predict possible sources of appropriate materials.	3.1.2.2 Identify possible sources of appropriate materials.	4.1.2.2 Identify possible sources of information.	5.1.2.2 Identify possible sources of information.	6.1.2.2 Identify potential information sources.	7.1.2.2 Identify potential information sources.	8.1.2.2 Identify potential information sources.	910.1.2.2 Identify potential information sources.	1112.1.2.2 Identify potential information sources.

Focus on the information need –
1.3 Develop a search action plan and timeline, working in groups or individually. (Return to list)

Kindergarten	First	Second	Third	Fourth	Fifth	Sixth	Seventh	Eighth	Ninth/Tenth	Eleventh/Twelfth
K.1.3.1 Work individually or in cooperative group to decide who can assist in locating an answer to a librarian/teacher directed activity.	1.1.3.1 Work individually or in cooperative group to decide who can assist in locating an answer to a librarian/teacher directed activity.	2.1.3.1 Work individually or in cooperative group to decide who can assist in locating information for a librarian/teacher directed activity.	3.1.3.1 Work individually or in cooperative group to contribute to a librarian/teacher-devised search action plan which lists: • topic and subtopics; • keywords and alternate terms; • presearch questions; • possible information sources; and • people to	4.1.3.1 Work individually or in cooperative group to develop a simple search action plan which lists: • topic and subtopics; • keywords and alternate terms; • presearch questions; • possible information sources; and • people to provide	5.1.3.1 Work individually or in cooperative group to develop a search action plan with timeline which lists: • topic and subtopics; • keywords and alternate terms; • presearch questions; • possible information sources; • people to provide	6.1.3.1 Work individually or in cooperative group to develop a search action plan with timeline which lists: • topic and subtopics; • keywords and alternate terms; • presearch questions; • thesis or statement of purpose; • possible information	7.1.3.1 Work individually or in cooperative group to develop a search action plan with timeline which lists: • topic and subtopics; • keywords and alternate terms; • presearch questions • thesis or statement of purpose; • possible information	8.1.3.1 Work individually or in cooperative group to develop a search action plan with timeline which lists: • topic and subtopics; • keywords and alternate terms; • presearch questions; • thesis or statement of purpose; • possible information	910.1.3.1 Work individually or in cooperative group to develop a search action plan with timeline which lists: • topic and subtopics; • keywords and alternate terms; • presearch questions; • thesis or statement of purpose; • possible information	1112.1.3.1 Work individually or in cooperative group to develop a search action plan with timeline which lists: • topic and subtopics; • keywords and alternate terms; • presearch questions; • thesis or statement of purpose; • possible information

Focus on the information need –
1.3 Develop a search action plan and timeline, working in groups or individually. (Return to list)

Kindergarten	First	Second	Third	Fourth	Fifth	Sixth	Seventh	Eighth	Ninth/Tenth	Eleventh/ Twelfth
			provide assistance with research (e.g., teacher, parents, school and/or public librarian).	assistance with research (e.g., teacher, parents, school and/or public librarian).	assistance with research (e.g., teacher, parents, school and/or public librarian); and • due dates for project.	sources; • people to provide assistance with research (e.g., teacher, subject specialists, school and/or public librarian); and • due dates for project.	sources; • people to provide assistance with research (e.g., teacher, subject specialists, school and/or public librarian); and • due dates for project.	sources; • people to provide assistance with research (e.g., teacher, subject specialists, school and/or public librarian); and • due dates for project.	sources; • people to provide assistance with research (e.g., teacher, subject specialists, school and/or public librarian); and • due dates for projects.	sources; • people to provide assistance with research (e.g., teacher, subject specialists, school and/or public librarian); and • due dates for project phases.
			3.1.3.2 Understand online navigation procedures (e.g., buttons, toolbar, links, favorites or bookmarks).	4.1.3.2 Understand online navigation procedures (e.g., toolbar, links, favorites or bookmarks).	5.1.3.2 Understand online navigation procedures (e.g., toolbar, links, favorites or bookmarks).	6.1.3.2 Understand online navigation procedures (e.g., toolbar, links, favorites or bookmarks).	7.1.3.2 Understand online navigation procedures (e.g., toolbar, links, favorites or bookmarks).	8.1.3.2 Understand online navigation procedures (e.g., toolbar, links, favorites or bookmarks).	910.1.3.2 Understand online navigation procedures (e.g., toolbar, links, favorites or bookmarks).	1112.1.3.2 Understand online navigation procedures (e.g., toolbar, links, favorites or bookmarks).
					5.1.3.3 Sequence the steps in the research process.	6.1.3.3 Sequence the steps in the research process.	7.1.3.3 Sequence the steps in the research process.	8.1.3.3 Sequence the steps in the research process.	910.1.3.3 Sequence the steps in the research process.	1112.1.3.3 Sequence the steps in the research process.

FINDS: Research Process Model – Investigate
K-12 Scope and Sequence

Investigate resources to search for answers –
2.1 Locate print and digital resources, working in groups or individually. (Return to list)

Kindergarten	First	Second	Third	Fourth	Fifth	Sixth	Seventh	Eighth	Ninth/Tenth	Eleventh/ Twelfth
K.2.1.1 Select books from easy shelves based on personal interests; choose books from library display for classroom projects.	1.2.1.1 Select books from easy and fiction collections, using author's surname; choose books from library display for classroom projects.	2.2.1.1 Select books from easy and fiction collections, using author's surname; locate nonfiction books using library signage, beginning to recognize that nonfiction section is arranged by DDC numbers.	3.2.1.1 Retrieve fiction, nonfiction, and reference books from shelves using call numbers.	4.2.1.1 Retrieve fiction, nonfiction, and reference books from shelves using call numbers.	5.2.1.1 Retrieve fiction, nonfiction, and reference books from shelves using call numbers.	6.2.1.1 Retrieve fiction, nonfiction, and reference books from shelves using call numbers.	7.2.1.1 Retrieve fiction, nonfiction, and reference books from shelves using call numbers.	8.2.1.1 Retrieve fiction, nonfiction, and reference books from shelves using call numbers.	910.2.1.1 Retrieve fiction, nonfiction, and reference books from shelves using call numbers.	1112.2.1.1 Retrieve fiction, nonfiction, and reference books from shelves using call numbers.
K.2.1.2 Recognize that the library catalog has information about all the books and materials in the library media center.	1.2.1.2 Recognize that the library catalog has information about all the books and materials in the library media center.	2.2.1.2 Use a keyword search in a school or public library online public access catalog (OPAC).	3.2.1.2 Use title, subject, author, or keyword searches to locate resources in the school or public library online public access catalog (OPAC).	4.2.1.2 Use title, subject, author, or keyword searches to locate resources in the school or public library online public access catalog (OPAC).	5.2.1.2 Use title, subject, author, or keyword searches to locate resources the school or public library online public access catalog (OPAC).	6.2.1.2 Use advanced search strategies to locate resources using an online public access catalog (OPAC) in the local school, district, and public libraries.	7.2.1.2 Use advanced search strategies to locate resources using an online public access catalog (OPAC) in the local school, district, and public libraries.	8.2.1.2 Use advanced search strategies to locate resources using an online public access catalog (OPAC) in the local school, district, and public libraries.	910.2.1.2 Use advanced search strategies to locate resources using an online public access catalog (OPAC) in the local school, district, public, or university libraries.	1112.2.1.2 Use advanced search strategies to locate resources using an online public access catalog (OPAC) in the local school, district, public, or university libraries.
K.2.1.3 Identify appropriate resources to answer a personal or academic	1.2.1.3 Identify appropriate resources to answer a personal or academic	2.2.1.3 Identify appropriate resources to answer a personal or academic	3.2.1.3 Identify appropriate resources to answer a personal or academic	4.2.1.3 Identify appropriate resources to answer a personal or academic	5.2.1.3 Identify appropriate resources to answer a personal or academic	6.2.1.3 Identify appropriate resources to answer a personal or academic	7.2.1.3 Identify appropriate resources to answer a personal or academic	8.2.1.3 Identify appropriate resources to answer a personal or academic	910.2.1.3 Identify appropriate resources to answer a personal or academic	111210.2.1.3 Identify appropriate resources to answer a personal

Investigate resources to search for answers –
2.1 Locate print and digital resources, working in groups or individually. (Return to list)

Kindergarten	First	Second	Third	Fourth	Fifth	Sixth	Seventh	Eighth	Ninth/Tenth	Eleventh/Twelfth
information need from various locations (e.g., school/public library or book store).	information need from various locations (e.g., school/public library or book store).	information need from various locations (e.g., school/public library or book store).	information need from various locations (e.g., school/public library or book store).	information need from various locations (e.g., school/public library or book store).	information need from various locations (e.g., school/public library or book store).	information need from various locations (e.g., school/public library or book store).	information need from various locations (e.g., school/public library or book store).	information need from various locations (e.g., school/public library or book store).	information need from various locations (e.g., school/public library or book store).	or academic information need from various locations (e.g., school/public library or book store).
	1.2.1.4 Use preselected online resources to locate information, with teacher or librarian assistance.	2.2.1.4 Use preselected online resources to locate information, with teacher or librarian assistance.	3.2.1.4 Use selected online databases and other resources (e.g., dictionaries and selected Internet sites) with assistance to locate information.	4.2.1.4 Use subscription-based online databases and other digital resources (e.g., encyclopedias and selected Internet sites) to locate information.	5.2.1.4 Use subscription-based online sources (e.g., periodical and reference databases) and selected Internet sites to locate information.	6.2.1.4 Use subscription-based online sources (e.g., periodical and reference databases) and selected Internet sites to locate information.	7.2.1.4 Use subscription-based online sources (e.g., periodical and reference databases) and selected Internet sites to locate information.	8.2.1.4 Use subscription-based online sources (e.g., periodical and reference databases) and selected Internet sites to locate information.	910.2.1.4 Use subscription-based online sources (e.g., periodical and reference databases) and Internet sites to locate information.	1112.2.1.4 Use subscription-based online sources (e.g., encyclopedias, periodical and reference databases) and Internet sites to locate information.

Investigate resources to search for answers –
2.2 Apply evaluative criteria to select the best resources to answer search question, working in groups or individually. (Return to list)

Kindergarten	First	Second	Third	Fourth	Fifth	Sixth	Seventh	Eighth	Ninth/Tenth	Eleventh/Twelfth
K.2.2.1 Understand that the information need determines the resources selected (e.g., dictionary, nonfiction, photograph).	1.2.2.1 Understand that the information need determines the resources selected (e.g., dictionary, nonfiction, photograph).	2.2.2.1 Understand that the information need determines the resources selected (e.g., dictionary, encyclopedia, nonfiction, photograph).	3.2.2.1 Understand that the information need determines the resources selected (e.g., dictionary, encyclopedia, nonfiction, photograph).	4.2.2.1 Understand that the information need determines the resources selected (e.g., dictionary, thesaurus, encyclopedia, nonfiction, newspaper).	5.2.2.1 Understand that the information need determines the resources selected (e.g., encyclopedia, almanac, nonfiction, newspaper, magazine, Internet source).	6.2.2.1 Understand that the information need determines the resources selected (e.g., encyclopedia, almanac, nonfiction, newspaper, magazine, Internet source).	7.2.2.1 Understand that the information need determines the resources selected (e.g., encyclopedia, almanac, nonfiction, newspaper, periodical, Internet source).	8.2.2.1 Understand that the information need determines the resources selected (e.g., encyclopedia, almanac, nonfiction, newspaper, periodical, Internet source).	910.2.2.1 Understand that the information need determines the resources selected (e.g., subject encyclopedia, almanac, nonfiction, newspaper, periodical, Internet source).	1112.2.2.1 Understand that the information need determines the resources selected (e.g., subject encyclopedia, handbook, nonfiction, newspaper, periodical, Internet source).
			3.2.2.2 Begin to apply predetermined	4.2.2.2 Begin to apply predetermined	5.2.2.2 Begin to apply predetermined	6.2.2.2 Apply predetermined evaluative criteria	7.2.2.2 Create and apply evaluative criteria for	8.2.2.2 Create and apply evaluative criteria for	910.2.2.2 Create and apply evaluative criteria	1112.2.2.2 Create and apply evaluative criteria

Investigate resources to search for answers –
2.2 Apply evaluative criteria to select the best resources to answer search question, working in groups or individually. (Return to list)

Kindergarten	First	Second	Third	Fourth	Fifth	Sixth	Seventh	Eighth	Ninth/Tenth	Eleventh/ Twelfth
			evaluative criteria for selecting resources (e.g., relevance, currency, readability).	evaluative criteria for selecting resources (e.g., relevance, currency, authority, readability).	evaluative criteria for selecting resources (e.g., relevance, currency, authority, readability).	for selecting resources (e.g., relevance, currency, authority, readability) with guidance as needed.	selecting resources (e.g., relevance, currency, authority, readability) with guidance as needed.	selecting resources (e.g., relevance, currency, authority, readability).	for selecting resources (e.g., relevance, currency, authority, readability).	for selecting resources (e.g., relevance, currency, authority, coverage).
			3.2.2.3 Begin to identify primary sources (e.g., letters, family photographs) and secondary sources (e.g., textbooks, biographies).	4.2.2.3 Begin to identify primary sources (e.g., letters, family photographs) and secondary sources (e.g., textbooks, biographies).	5.2.2.3 Identify and use primary sources (e.g., letters, autobiographies, photographs) and secondary sources (e.g., textbooks, biographies, encyclopedias).	6.2.2.3 Identify and use primary sources (e.g., letters, autobiographies, photographs) and secondary sources (e.g., textbooks, biographies, encyclopedias).	7.2.2.3 Identify and use primary sources (e.g., letters, autobiographies, photographs, speeches) and secondary sources (e.g., textbooks, biographies, encyclopedias).	8.2.2.3 Identify and use primary sources (e.g., letters, autobiographies, photographs, speeches) and secondary sources (e.g., textbooks, biographies, encyclopedias).	910.2.2.3 Identify and use primary sources (e.g., letters, autobiographies, photographs, interviews, speeches) and secondary sources (e.g., textbooks, biographies).	1112.2.2.3 Identify and use primary sources (e.g., letters, autobiographies, photographs, interviews, treaties, speeches) and secondary sources (e.g., textbooks, biographies, historical analyses).
				4.2.2.4 Select a variety of information sources representing a range of viewpoints and formats.	5.2.2.4 Select a variety of information sources representing a range of viewpoints and formats.	6.2.2.4 Select a variety of information sources representing a range of viewpoints and formats.	7.2.2.4 Select a variety of information sources representing a range of viewpoints and formats.	8.2.2.4 Select a variety of information sources representing a range of viewpoints and formats.	910.2.2.4 Select a variety of information sources representing a range of viewpoints and formats.	1112.2.2.4 Select a variety of information sources representing a range of viewpoints and formats.

Investigate resources to search for answers –
2.3 Demonstrate an understanding of how information is organized and located, working in groups or individually. (Return to list)

Kindergarten	First	Second	Third	Fourth	Fifth	Sixth	Seventh	Eighth	Ninth/Tenth	Eleventh/ Twelfth
K.2.3.1 Recognize that reference information is	1.2.3.1 Recognize that reference information is	2.2.3.1 Recognize that reference information is	3.2.3.1 Recognize that reference information is	4.2.3.1 Recognize that reference information is	5.2.3.1 Recognize that reference information is	6.2.3.1 Recognize that reference information is	7.2.3.1 Recognize that reference information is	8.2.3.1 Recognize that reference information is	910.2.3.1 Recognize that reference	1112.2.3.1 Recognize that reference

Kindergarten	First	Second	Third	Fourth	Fifth	Sixth	Seventh	Eighth	Ninth/Tenth	Eleventh/Twelfth
organized in specific formats (e.g., dictionaries).	organized in specific formats (e.g., dictionaries).	organized in specific formats (e.g., dictionaries, encyclopedias, almanacs).	organized in specific formats (e.g., dictionaries, encyclopedias, almanacs, atlases).	organized in specific formats (e.g., dictionaries, encyclopedias, almanacs, atlases).	organized in specific formats (e.g., subject-specific dictionaries, encyclopedias, almanacs, atlases, biographical sources).	organized in specific formats (e.g., subject-specific dictionaries, encyclopedias, almanacs, atlases, biographical sources).	organized in specific formats (e.g., subject-specific dictionaries, encyclopedias, almanacs, atlases, biographical sources).	organized in specific formats (e.g., subject-specific dictionaries, almanacs, atlases, biographical sources).	information is organized in specific formats (e.g., subject-specific dictionaries, atlases, biographical sources).	information is organized in specific formats (e.g., subject-specific dictionaries, atlases, biographical sources).
K.2.3.2 Understand that resources may be organized according to type or format either alphabetically or numerically.	1.2.3.2 Understand that resources may be organized according to type or format either alphabetically or numerically.	2.2.3.2 Understand that resources may be organized according to type or format either alphabetically or numerically.	3.2.3.2 Understand that resources may be organized according to type or format either alphabetically, numerically, or topically.	4.2.3.2 Understand that resources may be organized according to type or format either alphabetically, numerically, or topically.	5.2.3.2 Understand that resources may be organized according to type or format either alphabetically, numerically, topically, chronologically, or graphically.	6.2.3.2 Understand that resources may be organized according to type or format either alphabetically, numerically, topically, chronologically, or graphically.	7.2.3.2 Understand that resources may be organized according to type or format either alphabetically, numerically, topically, chronologically, or graphically.	8.2.3.2 Understand that resources may be organized according to type or format either alphabetically, numerically, topically, chronologically, or graphically.	910.2.3.2 Understand that resources may be organized according to type or format either alphabetically, numerically, topically, chronologically, or graphically.	1112.2.3.2 Understand that resources may be organized according to type or format either alphabetically, numerically, topically, chronologically, or graphically.
	1.2.3.3 Use headings, captions, keywords, tables of contents, and indexes.	2.2.3.3 Use headings, captions, keywords, glossaries, tables of contents, and indexes.	3.2.3.3 Use headings, captions, keywords, glossaries, tables of contents, and indexes.	4.2.3.3 Use headings, captions, keywords, glossaries, tables of contents, and indexes.	5.2.3.3 Use headings, captions, keywords, glossaries, tables of contents, and indexes.	6.2.3.3 Use headings, captions, keywords, glossaries, tables of contents, and indexes.	7.2.3.3 Use headings, captions, keywords, glossaries, tables of contents, and indexes.	8.2.3.3 Use headings, captions, keywords, glossaries, tables of contents, and indexes.	910.2.3.3 Use headings, captions, keywords, glossaries, tables of contents, and indexes.	1112.2.3.3 Use headings, captions, keywords, glossaries, tables of contents, and indexes.
		2.2.3.4 Begin to understand and use the organizational structure of the library (e.g., Dewey Decimal System).	3.2.3.4 Understand and begin to use the organizational structure of the library (e.g., Dewey Decimal System).	4.2.3.4 Understand and use the organizational structure of the library (e.g., Dewey Decimal System).	5.2.3.4 Understand and use the organizational structure of the library (e.g., Dewey Decimal System).	6.2.3.4 Understand and use the organizational structure of the library (e.g., Dewey Decimal System).	7.2.3.4 Understand and use the organizational structure of the library (e.g., Dewey Decimal System).	8.2.3.4 Understand and use the organizational structure of the library (e.g., Dewey Decimal System).	910.2.3.4 Understand and use the organizational structure of the library (e.g., Dewey Decimal System).	1112.2.3.4 Understand and use the organizational structure of a library (e.g., Dewey Decimal System and Library of Congress Classification System).

**Investigate resources to search for answers –
2.4 Exhibit responsible care and use of materials, e-resources, equipment, and facilities, working in groups or individually. (Return to list)**

Kindergarten	First	Second	Third	Fourth	Fifth	Sixth	Seventh	Eighth	Ninth/Tenth	Eleventh/ Twelfth
K.2.4.1 Follow procedures for circulation and timely return of materials.	1.2.4.1 Follow procedures for circulation and timely return of materials.	2.2.4.1 Follow procedures for circulation and timely return of materials.	3.2.4.1 Follow procedures for circulation and timely return of materials.	4.2.4.1 Follow procedures for circulation and timely return of materials.	5.2.4.1 Follow procedures for circulation and timely return of materials.	6.2.4.1 Follow procedures for circulation and timely return of materials.	7.2.4.1 Follow procedures for circulation and timely return of materials.	8.2.4.1 Follow procedures for circulation and timely return of materials.	910.2.4.1 Follow procedures for circulation and timely return of materials.	1112.2.4.1 Follow procedures for circulation and timely return of materials.
K.2.4.2 Exhibit responsible care in the use of materials, equipment, and facilities.	1.2.4.2 Exhibit responsible care in the use of materials, equipment, and facilities.	2.2.4.2 Exhibit responsible care in the use of materials, equipment, and facilities.	3.2.4.2 Exhibit responsible care in the use of materials, equipment, and facilities.	4.2.4.2 Exhibit responsible care in the use of materials, equipment, and facilities.	5.2.4.2 Exhibit responsible care in the use of materials, equipment, and facilities.	6.2.4.2 Exhibit responsible care in the use of materials, equipment, and facilities.	7.2.4.2 Exhibit responsible care in the use of materials, equipment, and facilities.	8.2.4.2 Exhibit responsible care in the use of materials, equipment, and facilities.	910.2.4.2 Exhibit responsible care in the use of materials, equipment, and facilities.	1112.2.4.2 Exhibit responsible care in the use of materials, equipment, and facilities.
K.2.4.3 Follow guidelines and etiquette in the use of electronic information sources.	1.2.4.3 Follow guidelines and etiquette in the use of electronic information sources.	2.2.4.3 Follow guidelines and etiquette in the use of electronic information sources.	3.2.4.3 Follow guidelines and etiquette in the use of electronic information sources.	4.2.4.3 Follow guidelines and etiquette in the use of electronic information sources.	5.2.4.3 Follow guidelines and etiquette in the use of electronic information sources.	6.2.4.3 Follow guidelines and etiquette in the use of electronic information sources.	7.2.4.3 Follow guidelines and etiquette in the use of electronic information sources.	8.2.4.3 Follow guidelines and etiquette in the use of electronic information sources.	910.2.4.3 Follow guidelines and etiquette in the use of electronic information sources.	1112.2.4.3 Follow guidelines and etiquette in the use of electronic information sources.
			3.2.4.4 Begin to demonstrate responsible use of Internet and other e-resources consistent with the school's Acceptable Use Policy.	4.2.4.4 Begin to demonstrate responsible use of Internet and other e-resources consistent with the school's Acceptable Use Policy.	5.2.4.4 Demonstrate responsible use of Internet and other e-resources consistent with the school's Acceptable Use Policy.	6.2.4.4 Demonstrate responsible use of Internet and other e-resources consistent with the school's Acceptable Use Policy.	7.2.4.4 Demonstrate responsible use of Internet and other e-resources consistent with the school's Acceptable Use Policy.	8.2.4.4 Demonstrate responsible use of Internet and other e-resources consistent with the school's Acceptable Use Policy.	910.2.4.4 Demonstrate responsible use of Internet and other e-resources consistent with the school's Acceptable Use Policy.	1112.2.4.4 Demonstrate responsible use of Internet and other e-resources consistent with the school's Acceptable Use Policy.

FINDS: Research Process Model – Note and Evaluate
K-12 Scope and Sequence

Note and evaluate facts –
3.1 Read, evaluate, and select information to answer search need, working in groups or individually. (Return to list)

Kindergarten	First	Second	Third	Fourth	Fifth	Sixth	Seventh	Eighth	Ninth/Tenth	Eleventh/Twelfth
K.3.1.1 Use literacy skills to identify relevant details from a text or oral presentation to answer a search question.	1.3.1.1 Use literacy skills to identify relevant details from a text or oral presentation to answer a search question.	2.3.1.1 Use literacy skills and content knowledge to select relevant details from a text or oral presentation to answer a search question.	3.3.1.1 Use literacy skills and content knowledge to select relevant details from a text or oral presentation to answer a search question.	4.3.1.1 Use literacy skills and content knowledge to select relevant details from a text or oral presentation to answer a search question.	5.3.1.1 Use literacy skills and content knowledge to select relevant details from a text or oral presentation to answer a search question.	6.3.1.1 Use literacy skills and content knowledge to select and analyze relevant details and concepts from a text or oral presentation to answer a search question.	7.3.1.1 Use literacy skills and content knowledge to select and analyze relevant details and concepts from a text or oral presentation to answer a search question.	8.3.1.1 Use literacy skills and content knowledge to select and analyze relevant details and concepts from a text or oral presentation to answer a search question.	910.3.1.1 Use literacy skills and content knowledge to select and analyze relevant details and concepts from a text or oral presentation to answer a search question.	1112.3.1.1 Use literacy skills and content knowledge to select and analyze relevant details and concepts from a text or oral presentation to answer a search question.
K.3.1.2 Draw evidence from graphs, charts, tables, maps, photographs, and other visuals to answer search questions.	1.3.1.2 Draw evidence from graphs, charts, tables, maps, photographs, and other visuals to answer search questions.	2.3.1.2 Draw evidence from graphs, charts, tables, maps, photographs, and other visuals to answer search questions.	3.3.1.2 Draw evidence from graphs, charts, tables, maps, diagrams, maps, illustrations, photographs, and other visuals to answer search questions.	4.3.1.2 Draw evidence from graphs, charts, tables, diagrams, maps, illustrations, photographs, and other visuals to answer search questions.	5.3.1.2 Draw evidence from graphs, charts, tables, diagrams, maps, schedules, illustrations, photographs, and other visuals to answer search questions.	6.3.1.2 Draw evidence from graphs, charts, tables, diagrams, maps, schedules, illustrations, photographs, and other visuals to answer search questions.	7.3.1.2 Draw evidence from graphs, charts, tables, diagrams, maps, schedules, illustrations, photographs, and other visuals to answer search questions.	8.3.1.2 Draw evidence from graphs, charts, tables, diagrams, maps, schedules, illustrations, photographs, and other visuals to answer search questions.	910.3.1.2 Draw evidence from graphs, charts, tables, diagrams, maps, schedules, illustrations, photographs, and other visuals to answer search questions.	1112.3.1.2 Draw evidence from graphs, charts, tables, diagrams, maps, schedules, illustrations, photographs, and other visuals to answer search questions.
K.3.1.3 Review information gathered for appropriateness in answering the search question.	1.3.1.3 Review information gathered for appropriateness in answering the search question.	2.3.1.3 Review information gathered to answer the search question, checking for appropriateness and accuracy.	3.3.1.3 Evaluate information gathered for relevancy and accuracy to answer the search question by comparing topic coverage in multiple sources	4.3.1.3 Evaluate information gathered for relevancy and accuracy to answer the search question by comparing topic coverage in multiple sources	5.3.1.3 Evaluate information gathered for relevancy and accuracy to answer the search question by comparing topic coverage in multiple sources	6.3.1.3 Evaluate information gathered to answer the search question by comparing topic coverage in multiple sources, noting point of view (e.g.,	7.3.1.3 Evaluate information gathered to answer the search question by comparing topic coverage in multiple sources, noting point of view (e.g., bias,	8.3.1.3 Evaluate information gathered to answer the search question by comparing topic coverage in multiple sources, noting point of view (e.g., bias,	910.3.1.3 Analyze information gathered to answer the search question by comparing topic coverage in multiple sources, noting point of view (e.g., bias,	1112.3.1.3 Analyze information gathered to answer the search question by comparing topic coverage in multiple sources, noting point of

Note and evaluate facts –
3.1 Read, evaluate, and select information to answer search need, working in groups or individually. (Return to list)

Kindergarten	First	Second	Third	Fourth	Fifth	Sixth	Seventh	Eighth	Ninth/Tenth	Eleventh/ Twelfth
			(e.g., opinion).	(e.g., opinion).	(e.g., opinion, bias).	opinion, bias).	propaganda).	propaganda).	propaganda).	view (e.g., bias, propaganda).

Note and evaluate facts –
3.2 Take notes and record data required for citations, working in groups or individually. (Return to list)

Kindergarten	First	Second	Third	Fourth	Fifth	Sixth	Seventh	Eighth	Ninth/Tenth	Eleventh/ Twelfth
K.3.2.1 Identify and record useful facts on topic with librarian/teacher assistance.	1.3.2.1 Identify facts on the topic with librarian/teacher direction and compile notes using strategies such as graphic organizers or note cards.	2.3.2.1 1 Identify facts on the topic with librarian/teacher direction and compile notes using strategies such as graphic organizers or note cards.	3.3.2.1 1 Select facts on the topic with librarian/teacher direction and compile notes using strategies such as graphic organizers or note cards.	4.3.2.1 1 Select facts on the topic with librarian/teacher direction and compile notes using strategies such as graphic organizers or note cards.	5.3.2.1 1 Select facts on the topic with librarian/teacher direction and compile notes using strategies such as Power Notes, graphic organizers, or note cards.	6.3.2.1 1 Select facts on the topic with librarian/teacher direction and compile notes using strategies such as Power Notes, graphic organizers, or note cards.	7.3.2.1 1 Select facts on the topic with librarian/teacher direction and compile notes using strategies such as Power Notes, graphic organizers, or note cards.	8.3.2.1 1 Select facts on the topic with librarian/teacher direction and compile notes using strategies such as Power Notes, graphic organizers, or note cards.	910.3.2.1 1 Select facts on the topic with librarian/teacher direction and compile notes using appropriate strategies.	1112.3.2.1 1 Select facts on the topic with librarian/teacher direction and compile notes using appropriate strategies.
	1.3.2.2 Begin to recognize rights of authors and illustrators with librarian/teacher direction.	2.3.2.2 Begin to recognize rights of authors and illustrators with librarian/teacher direction.	3.3.2.2 Begin to recognize intellectual property rights with librarian/teacher direction (e.g., taking notes in words and phrases only).	4.3.2.2 Begin to recognize intellectual property rights with librarian/teacher direction (e.g., taking notes in words and phrases only).	5.3.2.2 Recognize intellectual property rights.	6.3.2.2 Recognize intellectual property rights.	7.3.2.2 Recognize intellectual property rights.	8.3.2.2 Recognize intellectual property rights.	910.3.2.2 Recognize intellectual property rights.	1112.3.2.2 Recognize intellectual property rights.
		2.3.2.3 Record sources with assistance (e.g., author and title).	3.3.2.3 Record sources of materials used (e.g., author, title, publisher, or URL).	4.3.2.3 Record sources of materials used (e.g., author, title, publisher, date, or URL).	5.3.2.3 Record sources of materials used (e.g., author, title, place of publication, publisher, date of publication, URL, or date of download).	6.3.2.3 Record sources of materials used (e.g., author, title, place of publication, publisher, date of publication, URL, or date of download).	7.3.2.3 Record sources of materials used (e.g., author, title, place of publication, publisher, date of publication, URL, or date of download).	8.3.2.3 Record sources of materials used (e.g., author, title, place of publication, publisher, date of publication, URL, or date of download).	910.3.2.3 Record sources of materials used (e.g., author, title, place of publication, publisher, date of publication, URL, or date of download).	1112.3.2.3 Record sources of materials used (e.g., author, title, place of publication, publisher, date of publication, URL, or date of download).

Kindergarten	First	Second	Third	Fourth	Fifth	Sixth	Seventh	Eighth	Ninth/Tenth	Eleventh/Twelfth
				4.3.2.4 Begin to observe ethical practices including paraphrasing and the selective use of quotations (e.g., avoids plagiarism).	5.3.2.4 Observe ethical practices including paraphrasing and the selective use of quotations (e.g., avoids plagiarism).	6.3.2.4 Observe ethical practices including paraphrasing and the selective use of quotations (e.g., avoids plagiarism).	7.3.2.4 Observe ethical practices including paraphrasing and the selective use of quotations (e.g., avoids plagiarism).	8.3.2.4 Observe ethical practices including paraphrasing and the selective use of quotations (e.g., avoids plagiarism).	910.3.2.4 Observe ethical practices including paraphrasing and the selective use of quotations (e.g., avoids plagiarism).	1112.3.2.4 Observe ethical practices including paraphrasing and the selective use of quotations (e.g., avoids plagiarism).

Note and evaluate facts –
3.3 Analyze information gathered and compare with research need, working in groups or individually. (Return to list)

Kindergarten	First	Second	Third	Fourth	Fifth	Sixth	Seventh	Eighth	Ninth/Tenth	Eleventh/ Twelfth
	1.3.3.1 Sequence information alphabetically, numerically, or categorically, as appropriate.	2.3.3.1 Sequence information alphabetically, numerically, or categorically, as appropriate.	3.3.3.1 Sequence information alphabetically, numerically, or categorically, as appropriate.	4.3.3.1 Sequence information alphabetically, numerically, or categorically, as appropriate.	5.3.3.1 Sequence information alphabetically, numerically, categorically, or chronologically, as appropriate.	6.3.3.1 Sequence information alphabetically, numerically, categorically, or chronologically, as appropriate.	7.3.3.1 Sequence information alphabetically, numerically, categorically, or chronologically, as appropriate.	8.3.3.1 Sequence information alphabetically, numerically, categorically, or chronologically, as appropriate.	910.3.3.1 Sequence information alphabetically, numerically, categorically, or chronologically, as appropriate.	1112.3.3.1 Sequence information alphabetically, numerically, categorically, or chronologically, as appropriate.
	1.3.3.2 Determine if question is answered with librarian/teacher assistance.	2.3.3.2 Determine if question is answered with librarian/teacher assistance.	3.3.3.2 Review notes and/or information for completeness.	4.3.3.2 Review notes and/or information for clarity and completeness.	5.3.3.2 Review notes and/or information for clarity, coherence, and completeness.	6.3.3.2 Review notes and/or information for clarity, coherence, and completeness.	7.3.3.2 Review notes and/or information for clarity, coherence, and completeness.	8.3.3.2 Review notes and/or information for clarity, coherence, and completeness.	910.3.3.2 Review notes and/or information for clarity, coherence, and completeness.	1112.3.3.2 Review notes and/or information for clarity, coherence, and completeness.
	1.3.3.3 Add new questions with librarian/teacher guidance, if needed.	2.3.3.3 Add new questions with librarian/teacher guidance, if needed.	3.3.3.3 Change and/or add new questions, if appropriate.	4.3.3.3 Modify and/or add new questions based on information gathered.	5.3.3.3 Modify and/or add new questions based on information gathered.	6.3.3.3 Revise and/or add new questions based on information gathered.	7.3.3.3 Revise and/or add new questions based on information gathered.	8.3.3.3 Reflect on and revise questions based on information gathered.	910.3.3.3 Reflect on and refine questions based on information gathered or new insights on topic.	1112.3.3.3 Reflect on and refine questions based on information gathered or new insights on topic.
	1.3.3.4 Search for additional information, if needed.	2.3.3.4 Search for additional information, if needed.	3.3.3.4 Search for additional facts, if needed.	4.3.3.4 Search for additional facts, if needed.	5.3.3.4 Search for additional information, if needed.	6.3.3.4 Search for additional information, if needed.	7.3.3.4 Search for additional information, if needed.	8.3.3.4 Search for additional information, if needed.	910.3.3.4 Search for additional information, if needed.	1112.3.3.4 Search for additional information, if needed.

FINDS: Research Process Model – Develop
K-12 Scope and Sequence

Develop information into knowledge for presentation –
4.1 Select a presentation format appropriate for the topic, audience, and purpose, working in groups or individually. (Return to list)

Kindergarten	First	Second	Third	Fourth	Fifth	Sixth	Seventh	Eighth	Ninth/Tenth	Eleventh/ Twelfth
K.4.1.1 Use a teacher or librarian selected method to communicate information.	1.4.1.1 Use a teacher or librarian selected method to communicate information.	2.4.1.1 Use a teacher or librarian selected method to communicate information.	3.4.1.1 Choose a presentation method from teacher or librarian choices.	4.4.1.1 Choose a presentation method from teacher or librarian choices.	5.4.1.1 Choose a presentation method based on appropriateness and personal preference.	6.4.1.1 Choose a presentation method based on appropriateness and personal preference.	7.4.1.1 Choose a presentation method based on appropriateness and personal preference.	8.4.1.1 Choose a presentation method based on appropriateness and personal preference.	910.4.1.1 Choose a presentation method based on appropriateness and personal preference.	1112.4.1.1 Choose a presentation method based on appropriateness and personal preference.
			3.4.1.2 Begin to identify the strengths and weaknesses of presentation methods.	4.4.1.2 Begin to identify the strengths and weaknesses of presentation methods.	5.4.1.2 Identify the strengths and weaknesses of presentation methods.	6.4.1.2 Identify the strengths and weaknesses of presentation methods.	7.4.1.2 Identify the strengths and weaknesses of presentation methods.	8.4.1.2 Identify the strengths and weaknesses of presentation methods.	910.4.1.2 Identify the strengths and weaknesses of presentation methods.	1112.4.1.2 Identify the strengths and weaknesses of presentation methods.

Develop information into knowledge for presentation –
4.2 Analyze and synthesize collected information, working in groups or individually. (Return to list)

Kindergarten	First	Second	Third	Fourth	Fifth	Sixth	Seventh	Eighth	Ninth/Tenth	Eleventh/ Twelfth
K.4.2.1 Draw conclusions from information to answer search question.	1.4.2.1 Draw conclusions from information to answer search question.	2.4.2.1 Summarize and draw conclusions from information to develop product.	3.4.2.1 Summarize and draw conclusions from information to develop product.	4.4.2.1 Evaluate information and draw conclusions to develop product.	5.4.2.1 Evaluate and analyze information to draw conclusions for product development.	6.4.2.1 Analyze and synthesize information to draw conclusions for product development.	7.4.2.1 Analyze and synthesize information to make inferences and draw conclusions for product development.	8.4.2.1 Analyze and synthesize information to make inferences and draw conclusions for product development.	910.4.2.1 Analyze, synthesize, and reflect on information gathered to conceptualize product.	1112.4.2.1 Analyze, synthesize, and reflect on information gathered to conceptualize product.

Develop information into knowledge for presentation –
4.2 Analyze and synthesize collected information, working in groups or individually. (**Return to list**)

Kindergarten	First	Second	Third	Fourth	Fifth	Sixth	Seventh	Eighth	Ninth/Tenth	Eleventh/Twelfth
		2.4.2.2 Plan product by sequencing facts and ideas using an appropriate organizer (e.g., webbing).	3.4.2.2 Plan product by sequencing facts and ideas using an appropriate organizer (e.g., webbing).	4.4.2.2 Plan product by integrating facts and ideas using an appropriate organizer (e.g., outlining, webbing).	5.4.2.2 Plan product by integrating facts and ideas using an appropriate organizer (e.g., outlining, webbing).	6.4.2.2 Plan product by integrating facts and ideas using an appropriate organizer (e.g., outlining, storyboarding, webbing).	7.4.2.2 Plan product by integrating facts and ideas using an appropriate organizer (e.g., outlining, storyboarding, webbing).	8.4.2.2 Plan product by integrating facts and ideas using an appropriate organizer (e.g., outlining, storyboarding, webbing).	910.4.2.2 Plan product by integrating facts and ideas using an appropriate organizer (e.g., outlining, storyboarding, webbing).	1112.4.2.2 Plan product by integrating facts and ideas using an appropriate organizer (e.g., outlining, storyboarding, webbing).

Develop information into knowledge for presentation –
4.3 Communicate information and ideas using a variety of formats and media, working in groups or individually. (Return to list)

Kindergarten	First	Second	Third	Fourth	Fifth	Sixth	Seventh	Eighth	Ninth/Tenth	Eleventh/Twelfth
K.4.3.1 Convey information by sharing ideas and experiences.	1.4.3.1 Convey information findings orally, visually or in writing with teacher and/or librarian assistance.	2.4.3.1 Convey information findings orally, visually or in writing with teacher and/or librarian assistance.	3.4.3.1 Use the writing process, oral, or visual techniques to create products that express learning about a topic.	4.4.3.1 Use the writing process, oral, or visual techniques to create products that express learning about a topic.	5.4.3.1 Use the writing process; media, oral, and visual techniques; and technology skills to create products that express new understandings about a topic.	6.4.3.1 Use the writing process; media, oral, and visual techniques; and technology skills to create products that express new understandings about a topic.	7.4.3.1 Use the writing process; media, oral, and visual techniques; and technology skills to create products that express new understandings about a topic.	8.4.3.1 Use the writing process; media, oral, and visual techniques; and technology skills to create products that express new understandings about a topic.	910.4.3.1 Use the writing process; media, oral, and visual techniques; and technology skills to create products that express new understandings about a topic.	1112.4.3.1 Use the writing process; media, oral, and visual techniques; and technology skills to create products that express new understandings about a topic.
			3.4.3.2 Show respect for creators by listing facts about sources used with librarian/teacher guidance (e.g., author's name, title).	4.4.3.2 Show respect for creators by listing facts about sources used with librarian/teacher guidance (e.g., author's name, title, copyright date).	5.4.3.2 Show respect for intellectual property rights of creators by creating bibliographies of sources used.	6.4.3.2 Show respect for intellectual property rights of creators by creating bibliographies of sources used.	7.4.3.2 Show respect for intellectual property rights of creators by creating bibliographies of sources used.	8.4.3.2 Demonstrate understanding of and respect for copyright laws and intellectual property rights by using standard bibliographic format to list sources and including quotations and in-text citations when appropriate.	910.4.3.2 Demonstrate understanding of and respect for copyright laws and intellectual property rights by using standard bibliographic format to list sources and including quotations and in-text citations when appropriate.	1112.4.3.2 Demonstrate understanding of and respect for copyright laws and intellectual property rights by using standard bibliographic format to list sources and including quotations and in-text citations when appropriate.
			3.4.3.3 Revise and edit the information product as needed.	4.4.3.3 Revise and edit the information product as needed.	5.4.3.3 Revise and edit the information product as needed.	6.4.3.3 Revise and edit the information product as needed.	7.4.3.3 Revise and edit the information product as needed.	8.4.3.3 Revise and edit the information product as needed.	910.4.3.3 Revise and edit the information product as needed.	1112.4.3.3 Revise and edit the information product as needed.

Score presentation and search –
5.1 Apply and develop evaluative criteria for information problem or product, working in groups or individually. (Return to list)

Kindergarten	First	Second	Third	Fourth	Fifth	Sixth	Seventh	Eighth	Ninth/Tenth	Eleventh/Twelfth
K.5.1.1 Recognize when information problem is answered.	1.5.1.1 Recognize when information problem is answered.	2.5.1.1 Recognize when information problem is answered.	3.5.1.1 Use teacher or librarian generated criteria to evaluate success in answering search question.	4.5.1.1 Use teacher or librarian generated criteria to evaluate success in answering search question.	5.5.1.1 Develop and use criteria to evaluate success in answering search question with teacher or librarian assistance.	6.5.1.1 Develop and use criteria to evaluate success in answering search question with teacher or librarian assistance.	7.5.1.1 Develop and use criteria to evaluate success in answering search question.	8.5.1.1 Develop and use criteria to evaluate success in answering search question.	910.5.1.1 Develop and use criteria to evaluate success in answering search question.	1112.5.1.1 Develop and use criteria to evaluate success in answering search question.
K.5.1.2 Review information product with teacher or librarian.	1.5.1.2 Review information product with teacher or librarian.	2.5.1.2 Review information product with teacher or librarian.	3.5.1.2 Use teacher or librarian generated criteria to evaluate information product.	4.5.1.2 Use teacher or librarian generated criteria to evaluate information product.	5.5.1.2 Develop and use criteria to evaluate information product with teacher or librarian guidance.	6.5.1.2 Develop and use criteria to evaluate information product with teacher or librarian guidance.	7.5.1.2 Develop and use criteria to evaluate information product.	8.5.1.2 Develop and use criteria to evaluate information product.	910.5.1.2 Develop and use a variety of evaluative strategies to assess information product.	1112.5.1.2 Develop and use a variety of evaluative strategies to assess information product.

Score presentation and search –
5.2 Reflect on the search process, noting strengths and weaknesses, working in groups or individually. (Return to list)

Kindergarten	First	Second	Third	Fourth	Fifth	Sixth	Seventh	Eighth	Ninth/Tenth	Eleventh/Twelfth
K.5.2.1 Answer teacher or librarian questions concerning search process.	1.5.2.1 Answer teacher or librarian questions concerning search process.	2.5.2.1 Reflect on search process during oral discussion.	3.5.2.1 Reflect on search process during oral discussion.	4.5.2.1 Reflect on search process through oral discussion or writing exercise, identifying strengths and weaknesses.	5.5.2.1 Reflect on search process through oral discussion or writing exercise, identifying strengths and weaknesses.	6.5.2.1 Reflect on search process through oral discussion or writing exercise, identifying strengths and weaknesses.	7.5.2.1 Reflect on search process through oral discussion or writing exercise, identifying strengths and weaknesses.	8.5.2.1 Reflect on search process orally, visually, or in writing, identifying strengths and weaknesses.	910.5.2.1 Reflect on search process orally, visually, or in writing, identifying strengths and weaknesses.	1112.5.2.1 Reflect on search process orally, visually, or in writing, identifying skills that require practice and refinement.

Score presentation and search –
5.3 Make recommendations for improving and applying process, working in groups or individually.

Kindergarten	First	Second	Third	Fourth	Fifth	Sixth	Seventh	Eighth	Ninth/Tenth	Eleventh/ Twelfth
K.5.3.1 Explain the process used to find the information.	1.5.3.1 Explain the process used to find the information.	2.5.3.1 Explain the process used to find information and suggest ways for improvement.	3.5.3.1 Explain the process used for inquiry-based learning and suggest ways for improvement.	4.5.3.1 Explain the process used for inquiry-based learning and suggest ways for improvement.	5.5.3.1 Assess the process used for inquiry-based learning and suggest ways for improvement.	6.5.3.1 Assess the process used for inquiry-based learning and suggest ways for improvement.	7.5.3.1 Assess the process used for inquiry-based learning and recommend ways for improvement.	8.5.3.1 Assess the process used for inquiry-based learning and recommend strategies to improve it.	910.5.3.1 Assess the process used for inquiry-based learning and recommend strategies to improve it.	1112.5.3.1 Internalize the research process, monitor for needed improvements, and apply to academic and real-world contexts.
K.5.3.2 Judge personal ability to work in teams (e.g., following directions).	1.5.3.2 Judge personal ability to work in teams (e.g., listening to opinions of others).	2.5.3.2 Judge personal ability to work in teams (e.g., listening and responding to varying opinions).	3.5.3.2 Judge personal ability to work in teams (e.g., listening and responding to varying opinions, solving problems).	4.5.3.2 Evaluate personal ability to work with others in groups (e.g., showing respect for varying viewpoints, contributing to discussion, solving problems).	5.5.3.2 Evaluate personal ability to work with others in groups (e.g., showing respect for varying viewpoints, contributing to discussion, solving problems).	6.5.3.2 Reflect on personal ability to participate in group work (e.g., showing respect for varying viewpoints, contributing to discussion, solving problems).	7.5.3.2 Reflect on personal ability to participate in group work (e.g., showing respect for varying viewpoints, contributing to discussion, solving problems).	8.5.3.2 Reflect on personal ability to participate in group work (e.g., showing respect for varying viewpoints, contributing to discussion, solving problems).	910.5.3.2 Reflect on personal ability to participate in group work (e.g., demonstrating respect for diverse ideas, contributing to discussion, solving problems) and transfer skills to real-world situations.	1112.5.3.2 Reflect on personal ability to participate in group work (e.g., demonstrating respect for diverse ideas, contributing to discussion, solving problems) and transfer skills to real-world situations.